

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:76

ANSWERED ON:22.11.2001

STUDIES FOR RIVER BASINS TO PROMOTE HYDRO ELECTRIC POWER

AMBATI BRAHMANAIAH;MONI KUMAR SUBBA

Will the Minister of POWER be pleased to state:

- (a) whether the Central Electricity Authority has carried out Basin-wise studies for all river basins to promote hydro electric power production;
- (b) if so, the details thereof;
- (c) whether any financial help is likely to be given to States to implement such hydro power projects; and
- (d) if so, the details of assistance for such proposals?

Answer

THE MINISTER OF POWER (SHRI SURESH P. PRABHU)

(a) to (d) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 76 TO BE ANSWERED IN THE LOK SABHA ON 22.11.2001 REGARDING STUDIES FOR RIVER BASINS TO PROMOTE HYDRO ELECTRIC POWER.

(a) & (b) : Yes, Sir. The Government of India is according high priority to exploit the untapped hydro-electric potential in the country. In order to accelerate the process of survey and investigation of the new hydro-electric sites and to create a shelf of feasible projects which could be taken up for execution, the Central Electricity Authority (CEA) was asked to carry out a ranking study of the balance hydro sites for all the six river basins classified in the country. CEA has since brought out a Report on Preliminary Ranking Study of about 400 hydro schemes with an aggregate installed capacity of about 1,07,000 MW which were identified but are yet to be developed. The inter-se-prioritization of hydro sites within the basins has been carried out on consideration of various aspects involved in the development of hydro schemes. On the basis of this evaluation, the schemes have been graded in A, B and C categories in order of their priority for development for each basin. The basin-wise details of ranking are as under :

No. of Schemes : Basin and Category-wise

River Basin A B C Total

Indus	11	51	17	79
Ganga	20	54	1	75
Central Indian Rivers	3	9	1	13
East Flowing Rivers	11	26	2	39
West Flowing Rivers	1	10	14	25
Brahmaputra	52	97	19	168

GRAND TOTAL 98 247 54 399

INSTALLED CAPACITY MW 15650 MW 69830 MW 21420 MW 106,900 MW

This study would enable potential hydro developers to take up detailed survey and investigation, cost estimates and tentative tariff for

the most attractive and viable schemes in each basin in a phased manner.

(c) & (d) : The Government is exploring various possibilities of funding and executing hydro-electric projects and is holding a Round Table on Hydro Power Development and an International Conference on non-fossil fuel Generation in early 2002 to fine tune the strategies after extensive consultations with the States, financial institutions and entrepreneurs. Hydroelectric projects of 16,338 MW and 25,254 MW have already been identified tentatively for benefits in the Xth and XIth Plan respectively. Their execution would, however, depend on obtaining the statutory clearances and tying up of necessary funds. It has been estimated that about Rs.25,000 crore of budgetary support would be required for implementing and initiating hydro projects in the Central Sector during the Xth Plan.